

2004

# Injury-related Emergency Dept. Visits MA Residents, Ages 45-64 Years

There were 129,154 injury-related emergency department (ED) visits among Massachusetts adults ages 45-64 years in FY2004. 1 in 12 persons in this age group suffered an injury. This age group was at highest risk for fall injuries (27%), followed by motor vehicle traffic injuries, and injuries related to overexertion.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Uninten- tional	Intentional		Undeter- mined	Other & Legal			
		Self-harm	Assault					
Cut/pierce	14,907	226	129	12	1	15,275	11.8	961.2
Drowning/submersion	32	0	0	0		32	<0.1	2.0
Fall	34,293	4	3	4		34,304	26.6	2,158.7
Fire/burn	2,006	5	6	1		2,018	1.6	127.0
Firearms	17	1	14	4	1	37	<0.1	2.3
Machinery	1,366					1,366	1.1	86.0
Natural/environmental	6,493	0		6		6,499	5.0	409.0
<i>Dog bites</i>	1,281	0		0		1,281	1.0	80.6
<i>Other bites &amp; stings</i>	4,549	0		0		4,549	3.5	286.3
<i>All other (e.g. extreme cold)</i>	663	0		6		669	0.5	42.1
Overexertion	16217					16,217	12.6	1,020.5
Poisoning	1,279	588	2	491	1	2,361	1.8	148.6
Struck by, against	12,630	0	1,632	0	51	14,313	11.1	900.7
Suffocation/hanging	74	8	3	1		86	0.1	5.4
Transport Injuries:	17,048	0	3	1	0	17,052	13.2	1,073.1
<i>Motor vehicle traffic-related</i>	15,547	0	3	1	0	15,551	12.0	978.6
<i>Occupant</i>	13,479					13,479	10.4	848.2
<i>Motorcyclist</i>	441					441	0.3	27.8
<i>Pedal cyclist</i>	133					133	0.1	8.4
<i>Pedestrian</i>	702					702	0.5	44.2
<i>Other person</i>	52					52	<0.1	3.3
<i>Unspecified person</i>	740					740	0.6	46.6
<i>Pedal cyclist, other</i>	802					802	0.6	50.5
<i>Pedestrian, other</i>	76					76	<0.1	4.8
<i>Other transport</i>	623					623	0.5	39.2
Other specified & classifiable	6,617	2	273	2	1	6,895	5.3	433.9
Other specified, not classifiable	1,400	27	485	45	2	1,959	1.5	123.3
Unspecified	8,618	11	260	9	8	8,906	6.9	560.4
Adverse Effects						629	0.5	39.6
No cause or intent provided						1,205	0.9	75.8
TOTALS	122,997	872	2,810	576	65	129,154	100.0	8,127.4
Injury ED Visit Rate by Intent	7,740.0	54.9	176.8	36.2	4.1	n/a	n/a	n/a

Source: MA Emergency Department Discharge Database, MA Division of Health Care, Finance and Policy.

—Analysis is based on a fiscal year (Oct 1, 2003 - Sep 30, 2004).

—Rates are per 100,000 residents. Rates are not calculated on counts of less than five, and those based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data" based on ICD-9 codes. This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized and counts are excluded from the overall totals.

—Questions regarding the data presented here can be directed to the Injury Surveillance Program, MA Dept. of Public Health (617) 624-5648.